

MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

RECEIVE D

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK FEB 16 1999

XXAPPLICATION	ON TO DRI	LL DEEPE	N 🗆 PLU	G BACK	FORAN	MO Oil & Ga	as Council OR GAS WELL
NAME OF COMPANY OR	OPERATOR					DATE	
D.E.Expl	oration	, Inc. / Do		vans		Feb. 8,	
618 Main			Wellsv	ille,		KS	66092
DESCRIPTION NAME OF LEASE	OF WELL A	ND LEASE	WELL NUMBER				
	nit, Al	bey-Dunlap	AD-1.4	FROM SECTION L	INE	ELEVATION (GROUND)	1056.
		1100 FT. FROM (N)		660	FEET FROM (E) (M SECTION I INE	
WELL LOCATION		SECTION	TOWNSHIP		RANGE	COUNTY	
	SE.1/4	09	46N		33W	Cass	
		POSED LOCATION TO P					
DISTANCE FROM P	ROPOSED LO	DRILLING CONTRACTOR, NA	RILLING, COMPLET	ED OR APPLIE	D - FOR WELL ON T	HE SAME LEASE4	40FEET
650'	+	Hughes Dril	ling Co	12 Mair	DO TO THE	DLS APPROX. DATE WORK V	/99
NUMBER OF ACRES IN L	EASE					DRILLING TO THIS RES	
560		NUMBER OF ABANDON				DRILLING TO THIS RES	ERVOIR _ZO
IF LEASE PURCHAS	ED WITH ONE	OR MORE WELLS DRIL	LED, FROM WHOM F	PURCHASED?	3 2	NO. OF WELLS: PF	RODUCING 20
		ngs/Western		ng			NJECTION
ADDRESS Rt.	1 Hwy 5	8 Belton,	MO			_	INACTIVE 15
	1	CINCLE WELL			47 01 111/07 0		SANDONEDO
STATUS OF E	BOND	☐ SINGLE WELL AMOUNT \$			XX BLANKET B	20,000.00	☐ ON FILE
PROPOSED CASI	NG PROGRA	M		APPROVED	CASING — TO B	E FILLED IN BY STA	TE GEOLOGIST
AMOUNT	SIZE	WT/FT	CEM.	AMOUN		WT/FT	CEM
650'	4.5	650	aprx114s	rs 11	11	11	()
			apinii io				
		tlam the Pres				E. Explorati	
							nder my supervision
and direction an	d that the fa	cts stated therein a	re true, correct, a	and comple	te to the best of n	ny knowledge.	
SIGNATURE	iglan 6	ham				J-12-99	
PERMIT NUMBER	206	66		R'S LOG REQU		E-LOGS REQUIRED II	
APPROVAL DATE	116/9	9	☐ SAMPLE	S REQUIRED		Diffee STEM TEST IN	O. REGUINED IF HON
APPROVED BY	end 1	0 1, 100		SAMPLES REC			
NOTE THIS	PERMIT NOT	TRANSFERABLE TO AN	THER PERSON (OR TO ANY OT	HER LOCATION		
APPROVAL OF THIS	PERMIT BY	TIÉ OIL AND GAS CO É QUALIFICATIONS OF	UNCIL DOES NOT (CONSTITUTE	ENDORSEMENT OF	THE GEOLOGIC MERI	TS OF THE PROPOSED
1			of the				Company confirm
on this form by p	d drilling p resence of	ermit has been ob a permit number an	tained by the or d signature of au	wner of this uthorized co	s well. Council a ouncil representat	tive.	rmit will be shown
DRILLER'S SIGNATURE						DATE	

\ 0000 H =:	
Darri R Hughes oft	he Hughes Drilling Co.
Company confirm that an approved drilling permit has been obta	ained by the owner of this well. Council approval of this permit
will be shown on this form by presence of a permit number and sig	
DRILLER SSIGNATURE	
1 / h // / or	DATE
Van / Cult	02-11-99



MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL

FEB 16 1999

WELL LOCATION PLAT

OWNER					N	10 Oil & Gas	Gourier
D.E.Exploration	on, Inc	. / [ouglas	G. Eva			
LEASE NAME					COUNTY		
Belton Unit, A	Abbey-D	unlap			Cass	5	
220 FEET FROM S SECTION	ON LINE AND	660 ===	T SDOM V	J SECTIO	NUME OF SEC. ()9 TWD 46	N BANGE 33W
(N) - (S)	ON LINE AND	OOO FEE		E) - (W)	N LINE OF SEC.	, TWP	N, HANGE
N				T		066-4	
				Neu	V 060		
		AD-14	1-24	50	is mitted	6-23	
SCALE		AD-8	I-31				
		AD-2	I-38				
REMARKS							
On the above plat, show distance two nearest section lines, the number nearest well on the same lease same reservoir. Do not confuse survey be marked.	e of the pro earest lease completed urvey lines	e line, and in or drilli with lease l	from the ng to the lines. See	locate oil an	d gas wells in a		urvey to accurately 0 CSR 50-2.030 and bove plat.
REMIT TWO (2 MISSOURI OIL AN P.O. BOX 250, RO	D GAS COL	UNCIL		REGISTERED LAI	ND SURVEYOR		NUMBER



STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM RECEI FORM OGC-4

WELL LOCATION PLAT

20666

JUN 25 2013

OWNER'S NAME								
Kansas Resource Exploration and Dev	elopment, LLC					Moc	Dil & Ga	s Counci
LEASE NAME						COUNTY	211 a ua.	5 VULIII CI
Belton Unit AD-14						Cass		
WELL LOCATION	(GIVE FO	OTAGE FROM				•		
	■ South from s	ection line	1900	ft. from 🔳	East 🗌 W	est from s	ection line	
WELL LOCATION	00							
Sec. 9 Township 46 North Range	33	■ West	LIONGITI	IDE				
N38 49' 11.89"			LONGITI	4' 22.96"				
11.03			VV34 3	1 22.30				
1 11								
\wedge								
/ \				2 11.	CL IL			
				Delton	Unit			
				SE	/4			
				Belton SE Sect	, ,			
	_			Sect	ion 9			
				7.10		AD-14		19
_	2	_		740'		7	- 10	FE
				FLL		ADI-	3 284 fr	m TE
		_						
						V		
REMARKS						'סדס		
					F	SL		
1 Square = 660'								
INSTRUCTIO	NS						urvey to accur	
	1 11						th 10 CSR 50 e above plat.	-2.030 and
On the above plat, show distance of th two nearest section lines, the nearest l	e proposed well f	rom the	lilat ti	ie results are	correctly 31	iowii on ti	c above plat.	
nearest well on the same lease comple	eted in or drilling t	o the						
same reservoir. Do not confuse surve	y lines with lease	lines.						1
See rule 10 CSR 50-2.030 for survey r	equirements. Lea	ase lines						
must be marked.								
REMIT TWO (2) COF	PIES TO:	The state of	REGIST	ERED LAND SUR	VEYOR	147 147	NUMBER	
GEOLOGICAL SURVEY	PROGRAM					_		
PO BOX 250, ROLLA, MO 65402- ONE (1) COPY WILL BE		43						
	And the second s							



MISSOURI DEPARTMENT OF NATURAL RESOURCES

MISSOURI OIL AND GAS COUNCIL
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form OGC-5

OWNER	The House of the Control of the Cont								0.1	☐ GAS ☐ DRY
					ADDRESS					
D.E.Exp	ploration	n, Inc			618 1	1ain-	-PO Box	128 Wel:	lsvil	1e, KS 660
LEASE NAME	77 11 23				WELL NUMB					
	Unit-Abe	≥y Dun	lap		AD-1	4	·			
OCATION 1100'SS	S. Section	online	660' W	. Secti	online	9	The second of the second	9, 46N,	Contract Contract	EY
COUNTY	PER	MIT NUMBER	(OGC-3 OR OGC	-31)						
Cass	2	20666								
04-21-9		5-13-9	PTH REACHED	DATE COMPLE PRODUCE OR	TED READY T	00	FEET 1056	of, RKR, RT, OR Gr.) • 65	ELEVATIO FLANGE	N OF CASING HD.
OTAL DEPTH	PLU	G BACK TOT	AL DEPTH						-	
630										
RODUCING OR INJECTI	ON INTERVAL(S) F	OR THIS COM	APLETION				(INTERVAL)	t t om	CABLETO	OLS USED (INTERVAL
produci	ng				DRILLING FL	UID USED	fresh	water		
AS THIS WELL DIRECTI RILLED?	ONALLY	DIRECTION	AL SURVEY MADE	?	WAS COPY C	F DIRECT	TONAL SURVEY	FILED?	DATE FILE	D
no YPE OF ELECTRICAL OF	R OTHER LOGS BUIL	N /I IST I OC	EII ED WITH THE	STATE CEOLOG	CICTI				DATE	
		V (LIST LOGS	THE WITH THE	STATE GEOLOG	131)				07/0	
gamma r	ау			CACINI	RECORD				10//0	2/99
CASING (REPORT ALI	L STRINGS SET I	N WFIL - C	CONDUCTOR S			-	CING ETC.)			
PURPOSE	SIZE HOLE DRII		ZE CASING SET		T (LB. FT)	1	PTH SET	SACKS CEMI	ENT T	AMOUNT PULLED
	0.22.1022.0111		22 0/10/114 02 1	WEIGH	(25.11)		111021	SAOKS CEIVII		ANIOONT FOLLED
surface	12 3/4		7"			42	.15	10sks		
roduction	6 1/4	2	13,112			610	.40	7.25sl	ks	
	TUBING	RECORD						LINER RECORD		
IZE	DEPTH SET	PACKER	SET AT SIZE		TOP		воттом	SACKS CE	MENT	SCREEN
11/5 IN.	610.40FEE	none	FEET	INCH	×	FEET	-1 1-	FEET		FEE
	PERFORATI					ACID,	SHOT, FRACT	URE, CEMENT SO	QUEEZE R	
NUMBER PER FEET	SIZE AND TY	PE	DEPTH INTE	RVAL	АМ		ND KIND OF AL USED		DEPTH	NTERVAL
2	3 1/8 De	ensiJX	540-	560						
	3 1/8 De									
2										
2				INITIAL P	RODUCTIO	U				
	TION OR INJECTIO	N PROD	DUCING METHOD	The second secon	RODUCTION	-	PUMPING — IF P	PUMPING SHOW SIZ	E AND TYPE	OF PLIMP
2 NATE OF FIRST PRODUCT 02-15-00	TION OR INJECTIO			(INDICATE IF FL	OWING, GAS	LIFT, OR F	PUMPING — IF P	PUMPING, SHOW SIZ	E AND TYPE	OF PUMP.
02-15-00			oil PRODUCE	(INDICATE IF FL 1^{1}_{2} star	OWING, GAS	LIFT, OR F		WATER PRODUCE		OIL GRAVITY
ATE OF FIRST PRODUCTOR O 2 - 15 - 00 ATE OF TEST HOUF		pu	mping	(INDICATE IF FL 1½ star D DURING	owing, gas	LIFT, OR FOUND	NG TEST		D DURING	OIL GRAVITY
ATE OF FIRST PRODUCT 02-15-00 ATE OF TEST HOUF	RS TESTED CHO	pu DKE SIZE na JRE CALT	OIL PRODUCES TEST n TED RATE OF PRO	(INDICATE IF FL $1\frac{1}{2}$ star During a bbis.	owing, gas adard gas produ	LIFT, OR F OUMP CED DURI		WATER PRODUCE		OIL GRAVITY
ATE OF FIRST PRODUCT 02-15-00 ATE OF TEST HOUF 1a UBING PRESSURE 75#	na CASING PRESSU	pu na JRE CALT	OIL PRODUCE TEST n TED RATE OF PRO 14 HOURS	(INDICATE IF FL $1\frac{1}{2}$ star D DURING a bbis. DUCTION	owing, gas idard gas produ na	LIFT, OR F OUMP CED DURI	NG TEST	WATER PRODUCE TEST na	D DURING	OIL GRAVITY na API (CORF
ATE OF FIRST PRODUCT 02-15-00 ATE OF TEST HOUF 1a UBING PRESSURE 75# ISPOSITION OF GAS (ST	RS TESTED CHO na CASING PRESSU 75# TATE WHETHER VE	DE CALT	Imping OIL PRODUCES TEST n TED RATE OF PROPURS 19b FOR FUEL OR SO	(INDICATE IF FL $1\frac{1}{2}$ star D DURING a bbis. DUCTION	OWING, GAS 1dard GAS PRODU n:	LIFT, OR F DUMP CED DURI	NG TEST MCF	WATER PRODUCE TEST na	D DURING	OIL GRAVITY na API (CORF
ATE OF FIRST PRODUCT 02-15-00 ATE OF TEST HOUF 1a UBING PRESSURE 75# ISPOSITION OF GAS (ST	na CASING PRESSU 75# TATE WHETHER VE	DE CALT	Imping OIL PRODUCES TEST n TED RATE OF PROPURS 19b FOR FUEL OR SO	(INDICATE IF FL $1\frac{1}{2}$ star D DURING a bbis. DUCTION	OWING, GAS 1dard GAS PRODU n:	LIFT, OR F DUMP CED DURI	NG TEST MCF	WATER PRODUCE TEST na	D DURING	OIL GRAVITY na API (CORF
ATE OF FIRST PRODUCT 02-15-00 ATE OF TEST HOUF 13 UBING PRESSURE 75# ISPOSITION OF GAS (STATE) held in with the product of the proposal	RS TESTED CHO na CASING PRESSU 75# TATE WHETHER VE ith press F MUD PIT CONTE	DKE SIZE na JRE CALT PER 2 NTED, USED SUIPE V	Imping OIL PRODUCES TEST n TED RATE OF PROPURS 19b FOR FUEL OR SO	(INDICATE IF FL $1\frac{1}{2}$ star D DURING a bbis. DUCTION	OWING, GAS 1dard GAS PRODU n:	LIFT, OR F DUMP CED DURI	NG TEST MCF	WATER PRODUCE TEST na	D DURING	OIL GRAVITY na API (CORI
ATE OF FIRST PRODUCT 02-15-00 ATE OF TEST HOUF 1a UBING PRESSURE 75# ISPOSITION OF GAS (ST held in will ETHOD OF DISPOSAL CO air dried,	CASING PRESSU 75# TATE WHETHER VE ith press OF MUD PIT CONTE , back f:	DKE SIZE na JRE CALT PER 2 NTED, USED SURE V NTS illed	OIL PRODUCES TEST n TED RATE OF PRO 24 HOURS 19b FOR FUEL OR SO	(INDICATE IF FL $1\frac{1}{2}$ star D DURING a bbis. DUCTION	owing, gas ndard gas produ n: OIL	LIFT, OR F DUMP CED DURI	NG TEST MCF	WATER PRODUCE TEST na	D DURING	OIL GRAVITY 10 API (CORI
O2-15-00 O2-15-00 NATE OF TEST HOUF IA UBING PRESSURE 75# USPOSITION OF GAS (ST held in with ETHOD OF DISPOSAL OF AIR	CASING PRESSU 75# TATE WHETHER VE ith press F MUD PIT CONTE , back f: NDERSIGNED, STA	DKE SIZE na JRE CALT PER 2 NTED, USED SURE V NTS illed	on produced the second	(INDICATE IF FULL IT IS STATED DURING A BOILS DUCTION B1S LD)	OWING, GAS 1 dard GAS PRODU 10 10 5	LIFT, OR FOURT OF THE PROPERTY	MCF GAS MCF HORIZED BY SA	WATER PRODUCE TEST na WATER 5	D DURING bbls. bbls.	OIL GRAVITY na API (CORF
O2-15-00 O2-15-00 DATE OF FIRST PRODUCT O2-15-00 DATE OF TEST HOUF TALL UBING PRESSURE 75# DISPOSITION OF GAS (STATE) ACT HELD OF DISPOSAL CO AIR DISPOSAL CO AIR DISPOSAL CO ERTIFICATE: I, THE U EPORT WAS PREPARED	CASING PRESSU 75# TATE WHETHER VE ith press F MUD PIT CONTE , back f: NDERSIGNED, STA	DE CALTER OF THE	OIL PRODUCEI TEST N TED RATE OF PRO 14 HOURS 19b FOR FUEL OR SO 7 alve	(INDICATE IF FULL IT IS STATED DURING A BOILS DUCTION B1S LD)	OWING, GAS 1 dard GAS PRODU 10 10 5	LIFT, OR FOURT OF THE PROPERTY	MCF GAS MCF HORIZED BY SA	WATER PRODUCE TEST na WATER 5	D DURING bbls. bbls.	OIL GRAVITY na API (CORF
ATE OF FIRST PRODUCT 02-15-00 ATE OF TEST HOUF 1a UBING PRESSURE 75# ISPOSITION OF GAS (ST held in with ETHOD OF DISPOSAL CO air dried, ERTIFICATE: I, THE U	CASING PRESSU 75# TATE WHETHER VE ith press F MUD PIT CONTE , back f: NDERSIGNED, STA	DE CALTER OF THE	on produced the second	(INDICATE IF FULL IT IS STATED DURING A BOILS DUCTION B1S LD)	OWING, GAS 1 dard GAS PRODU 10 10 5	LIFT, OR FOURT OF THE PROPERTY	MCF GAS MCF HORIZED BY SA	WATER PRODUCE TEST na WATER 5	D DURING bbls. bbls.	OIL GRAVITY na API (CORF

MO Oil & Gas Council

(Rev. 1-86)



MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

MO Oll'& Gas Coun

FEB | 2001

ORKOVER (ADDRESS							
plorati	ion,]	inc.		618 1	Main.	-PO Box	128	Wel:	lsvil	le, KS	66
****				WELL NUMB	ER						
Unit-A	Abey I	Dunlap		AD-1	4						
C C C C C		6601 **								VEY	1 -
s. sect				online	3	SE & C	9, 4	6N, 3	33W		
	The same and the		31)								
90		L DEPTH REACHED	PRODUCE OR	TED READY T	0	FEET OF	OF, RKR, R	T, OR Gr.)	ELEVATION	ON OF CASING	HD.
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ION INTERVAL	(S) FOR THIS	COMPLETION		ROTARY TO	DISTISED	UNTERVALL			10.0.57		
				- tor		to ho	ttom		CABLE	DOLS USED (IN	TERVA
IONALLY	WAS DIREC	TIONAL SURVEY MADE?		WAS COPY C	F DIRECT	IONAL SURVEY	Wate FILED?	<u>r</u>	DATE EII	ED.	
									J. T. C. T. C.		
	RUN (LIST	LOGS FILED WITH THE S	TATE GEOLOG	SIST)					DATE FIL	ED	
cay	1								07/0	2/99	
									-		
					PRODU	CING, ETC.)					
SIZE HOLE	DRILLED	SIZE CASING SET	WEIGH	T (LB. FT)	DE	PTH SET	SAC	KS CEME	NT	AMOUNT PL	ILLED
12 3//	1	7.11			40						
12 3/2	1				42		6	Osks			17
6 1/4	1	4 1 1			610	10 108	JKS.	95-1		11.52	. 00
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			1			-11	205				
	ING RECO	RD					INFRRE	CORD			
				TOP		воттом			MENT	SCREEN	
	NAME AND ADDRESS OF TAXABLE PARTY.	Name and Address of the Owner, where the Owner, which the Owner, where the Owner, which the	INCH		FEET		FEET				FEE
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					MATERIA	AL USED			DEPTHI	INTERVAL	
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		JX 564-5									
2 1/0	Densi	JX 364-3	04								
2 1/0											
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TION OR INJEC	TION F	PRODUCING METHOD (II		ODUCTION		UMPING - IF P	UMPING. S	HOW SIZE	AND TYPE	OF PLIMP	
TION OR INJEC		PRODUCING METHOD (II pumping 1		OWING, GAS L	IFT, OR P	UMPING — IF P	UMPING, S	SHOW SIZE	AND TYPE	OF PUMP.	
TION OR INJEC		pumping 1	NDICATE IF FLO	OWING, GAS L	IFT, OR P		WATER P	RODUCED		OIL GRAVITY	
TION OR INJECT	CHOKE SIZE	OIL PRODUCED OTEST na	NDICATE IF FLO 2 Stan DURING bbis.	owing, gas i dard p	IFT, OR POUMP	NG TEST	WATER P		DURING	OIL GRAVITY	(COR
TION OR INJEC	CHOKE SIZE na SSURE	OIL PRODUCED O	NDICATE IF FLO Stan DURING bbis.	dard p	IFT, OR POUMP		WATER P	RODUCED		OIL GRAVITY	(CORR
TION OR INJECT AS TESTED OF THE TESTED OF T	CHOKE SIZE na SSURE P	OIL PRODUCED (TEST na CALTED RATE OF PRODI ER 24 HOURS	NDICATE IF FLO	owing, gas i dard p gas produc na	IFT, OR POUMP	NG TEST	WATER P	RODUCED	DURING	OIL GRAVITY	(CORF
TION OR INJECT AS TESTED CASING PRE 75# ATE WHETHER	CHOKE SIZE N a SSURE F R VENTED, US	OIL PRODUCED OF TEST NA CALTED RATE OF PRODUCER 24 HOURS 19bb SED FOR FUEL OR SOLD	NDICATE IF FLO	owing, gas i dard p gas produc na oil	UMP DUMP ED DURIN	NG TEST MCF	WATER P	RODUCED	DURING bbis.	OIL GRAVITY	(CORF
TION OR INJECT AS TESTED CASING PRE 75# ATE WHETHER th pre	SSURE CANADA CONTROL OF CONTROL O	OIL PRODUCED OF TEST NA CALTED RATE OF PRODUCER 24 HOURS 19bb SED FOR FUEL OR SOLD	NDICATE IF FLO	owing, gas i dard p gas produc na oil	UMP DUMP ED DURIN	NG TEST MCF	WATER P	RODUCED	DURING bbis.	OIL GRAVITY	(CORF
TION OR INJECT AS TESTED TO T	CHOKE SIZE na SSURE VENTED, US SSURE SSURE	OIL PRODUCED OF TEST NA CALTED RATE OF PRODICER 24 HOURS 19bb SED FOR FUEL OR SOLD Valve	NDICATE IF FLO	owing, gas i dard p gas produc na oil	UMP DUMP ED DURIN	NG TEST MCF	WATER P	RODUCED	DURING bbis.	OIL GRAVITY	(CORF
TION OR INJECT AS TESTED CASING PRE 75# ATE WHETHER th pre F MUD PIT CON back	CHOKE SIZE na SSURE VENTED, US SSURE SSURE STENTS Fille	OIL PRODUCED OF TEST NA CALTED RATE OF PRODUCER 24 HOURS 19bb SED FOR FUEL OR SOLD Valve	NDICATE IF FLO STAN DURING bbls. UCTION	DWING, GAS I dard k GAS PRODUC na OIL 5	UMP DUMP ED DURIN	NG TEST MCF	WATER P	RODUCED	DURING bbis.	OIL GRAVITY	(CORF
TION OR INJECT AS TESTED TO T	CHOKE SIZE na SSURE VENTED, US SSURE SSURE STENTS Fille	OIL PRODUCED OF TEST NA CALTED RATE OF PRODUCER 24 HOURS 19bb SED FOR FUEL OR SOLD Valve	NDICATE IF FLOT	DWING, GAS L dard r GAS PRODUC na OIL 5	DUMP ED DURIN B bbls.	MCF MCF	WATER PTEST 1	RODUCED na	bbls.	OIL GRAVITY NA API GAS OIL RAT	OF Th
CASING PRE CASING PRE T5# ATE WHETHER The pre Thud pit con back NDERSIGNED. S	CHOKE SIZE na SSURE VENTED, US SSURE NTENTS fille STATE THAT	OIL PRODUCED OF TEST NA CALTED RATE OF PRODUCER 24 HOURS 19bb SED FOR FUEL OR SOLD Valve d	DURING bbis. UCTION Preside COMPAN	DWING, GAS L dard k GAS PRODUC NOIL 5	DUMP DUMP ED DURIN G bbls.	MCF MCF	WATER PTEST 1	RODUCED 1a 5	DURING bbis. bbis.	OIL GRAVITY Na API GAS OIL RAT	OF TH
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	Unit-2 S. Section 199 ION INTERVAL 1 In CA 100 INTERVAL 2 INTERVAL 2 IN CA 100 INTERVAL 2 INCOLUS 2 INTERVAL 2 INTERVAL 2 INTERVAL 2 INTERVAL 2 INTERVAL 2 I	Unit-Abey I S. Section1i PERMIT NU 2066 DATE TOTA 99 05-13 PLUG BACK ION INTERVAL(S) FOR THIS ind IONALLY WAS DIRECT R OTHER LOGS RUN (LIST II T'A Y L STRINGS SET IN WEL SIZE HOLE DRILLED 12 3/4 6 1/4 TUBING RECOR DEPTH SET PAC 610.40FEET PAC 610.40FEET NC PERFORATION REI SIZE AND TYPE	PERMIT NUMBER (OGC-3 OR OGC-2 20666 20666 DATE TOTAL DEPTH REACHED 05-13-99 PLUG BACK TOTAL DEPTH ION INTERVAL(S) FOR THIS COMPLETION I NG IONALLY WAS DIRECTIONAL SURVEY MADE? R OTHER LOGS RUN (LIST LOGS FILED WITH THE ST AY SIZE HOLE DRILLED SIZE CASING SET 12 3/4 7 " 6 1/4 4 ½ " TUBING RECORD DEPTH SET PACKER SET AT SIZE 610.40FEET NONE FEET PERFORATION RECORD SIZE AND TYPE DEPTH INTER	Unit-Abey Dunlap S. Sectionline 660' W. Secti PERMIT NUMBER (OGC-3 OR OGC-31) 20666 DATE TOTAL DEPTH REACHED 99 05-13-99 PLUG BACK TOTAL DEPTH ION INTERVAL(S) FOR THIS COMPLETION ind Ind IONALLY WAS DIRECTIONAL SURVEY MADE? R OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGY TAY CASING L STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTE SIZE HOLE DRILLED SIZE CASING SET WEIGH 12 3/4 7" 6 1/4 4 ½ " TUBING RECORD DEPTH SET PACKER SET AT SIZE 610.40FEET NONE FEET INCH PERFORATION RECORD SIZE AND TYPE DEPTH INTERVAL	Unit-Abey Dunlap S. Sectionline 660' W. Sectionline PERMIT NUMBER (OGC-3 OR OGC-31) 20666 DATE TOTAL DEPTH REACHED O5-13-99 PLUG BACK TOTAL DEPTH ION INTERVAL(S) FOR THIS COMPLETION INC INC INC INC INC INC INC INC INC IN	Unit-Abey Dunlap S. Sectionline 660' W. Sectionline PERMIT NUMBER (OGC-3 OR OGC-3I) 20666 DATE TOTAL DEPTH REACHED 05-13-99 PLUG BACK TOTAL DEPTH ION INTERVAL(S) FOR THIS COMPLETION ING ING IONALLY WAS DIRECTIONAL SURVEY MADE? ROTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) TOTAL SIZE HOLE DRILLED SIZE CASING SET TUBING RECORD DEPTH SET PACKER SET AT FEET PERFORATION RECORD SIZE AND TYPE DEPTH INTERVAL WELL NUMBER AD-14 AD-14 AD-14 AD-14 BATE COMPLETED READY TO PRODUCE OR INJECT 02/00 PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 PRODUCE OR INJECT 02/00 PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 PRODUCE OR INJECT 02/00 PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 ROTARY TOOLS USED 1. AD DATE COMPLETED READY TO PRODUCE OR INJECT 10 PRODUCE OR INJECT 10 PRODUCE OR INJECT 10 PRODUCE TO PRODUCE OR INJECT 10 PRODUCE TO PRODUCE OR INJECT 10 PRODUCE T	Unit-Abey Dunlap WELL NUMBER AD-14 S. Sectionline 660' W. Sectionline SE 4 0 PERMIT NUMBER (OGC-3 OR OGC-31) 20666 DATE TOTAL DEPTH REACHED OF PRODUCE OR INJECT 02/00 FEET 1056 PLUG BACK TOTAL DEPTH ON INTERVAL(S) FOR THIS COMPLETION FEET OR DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 FEET 1056 ROTARY TOOLS USED (INTERVAL) ORILLING FLUID USED FROSH OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) TO DO PRODUCE OR INJECTIONAL SURVEY MADE? CASING RECORD L STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.) SIZE HOLE DRILLED SIZE CASING SET WEIGHT (LB. FT) DEPTH SET 12 3/4 7" 42.15 6 1/4 4 ½" 610.40 TUBING RECORD DEPTH SET PACKER SET AT SIZE TOP BOTTOM TUBING RECORD DEPTH SET PACKER SET AT SIZE INCH FEET PERFORATION RECORD SIZE AND TYPE DEPTH INTERVAL AMOUNT AND KIND OF MATERIAL USED	Unit-Abey Duniap Well Number AD-14 Sec. Twp. and range SE \$ 09, 4 PERMIT NUMBER (OGC-3 OR OGC-3I) 20666 DATE TOTAL DEPTH REACHED DATE COMPLETED READY TO PRODUCE OR INJECT 02/00 PLUG BACK TOTAL DEPTH ION INTERVAL(S) FOR THIS COMPLETION INCLUDE WAS DIRECTIONAL SURVEY MADE? ROTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) TO AD THE STATE OF THE SET OF THE	Unit-Abey Dunlap WELL NUMBER AD-14 SEC. TWP. AND RANGE OR BLOCK SE 4 09, 46N, PERMIT NUMBER (OGC-3 OR OGC-3I) 20666 DATE TOTAL DEPTH REACHED 05-13-99 PLUG BACK TOTAL DEPTH PRODUCE OR INJECT 02/00 PROD	Unit-Abey Duniap Well number AD-14 S. Sectionline 660' W. Sectionline PERMIN NUMBER (OGC-3 OR OGC-31) 20666 DATE TOTAL DEPTH REACHED OD-PRODUCE OR INJECT 02/00 PLUG BACK TOTAL DEPTH ION INTERVAL(S) FOR THIS COMPLETION IONALLY WAS DIRECTIONAL SURVEY MADE? ROTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) SIZE HOLE DRILLED SIZE CASING SET WEIGHT (LB. FT) SIZE HOLE DRILLED SIZE CASING SET WEIGHT (LB. FT) TUBING RECORD DEPTH SET PACKER SET AT 610.40 FEET PACKER SET AT 610.40 FEET PERFORATION RECORD SIZE AND TYPE DEPTH INTERVAL MELL NUMBER AD-14 SEC. TWP. AND RANGE OR BLOCK AND SUR'S SEC. TWP. ADD. TO SEC. TWP. AND RANGE OR BLOCK AND SUR'S SEC. TWP. ADD. TO SEC. TWP. AND RANGE OR BLOCK AND SUR'S SEC. TWP. ADD. TO SEC. TWP. ADD. TWP. ADD	Unit-Abey Dun1ap WELL NUMBER AD-14 S. Sectionline 660' W. Sectionline SE & 09, 46N, 33W PERMIT NUMBER (OGC-3 OR OGC-3I) 20666 DATE TOTAL DEPTH REACHED 05-13-99 PRODUCE OR INJECT 02/00 ELEVATION (DF, RKR, RT, OR Gr.) PLUG BACK TOTAL DEPTH ION INTERVAL(S) FOR THIS COMPLETION ROTHER COMPLETION PRODUCE OR INJECT 02/00 PLUG BACK TOTAL DEPTH ION INTERVAL(S) FOR THIS COMPLETION PRODUCE OR INJECT 02/00 PRODUCE OR

CONTRACTOR

4/21/99-5/13/99 E C E I V E OPERATOR

HUGHES DRILLING COMPANY 122 NORTH MAIN WELLSVILLE, KANSAS 66092

LOG

2000 E. Exploration, Inc 618 Main

MO Oil & GaseGobox 128

Wellsville, KS 66092

API #

Well #AD-14 Cass Co., Missouri

Belton Unit

SE

Sec. 09, Twp. 46N RG. 33W 1100' FSL of Section 660' FWL of Section

STRATA	HODWA MTOX		TWP. 46N RG. 33		Section
THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2			
3	Clay	5	39	Shale (Sdy. 384-389)	402
23	Lime (Bkn. 5-8)	28	5	Lime	407
25	Shale	53	4	Shale	411
11	Lime	64	2	Lime	413
7	Shale	71	11	Shale(Slate 414)	424
8	Red Bed	79	9	Lime 415)	433
5	Shale	84	4	Shale	437
3	Lime	87	4	Brown Sand	441
13	SHale	100	14	Shale	455
1	Sdy. Lime	101	5	Lime	460
9	SHale (Sdy. 101-110)	110	52	SHale (Slate 461-462)	512
9	Gray Sand	119		(Slate 463-464)	
7	Sdy. Lime	126	1	Sdy. Lime	513
4	Gray Sand	130	25	Shale	538
9	SHale	139	1	-Sand	539
2	Lime	141	3	Sdy. Shale	542
8	Shale	149	6 SQUIRREL	Sand	548
29	Lime 30'	178	1	Shale	549
6	Shale	184	36.5	- Sand	585.5
	(Slate 178-179)		9.5	Shale	595
20	Lime 20'	204	20	Sdy. Shale	615
5	Shale	209	1	(Lamin. w/Gray Sa	
2	(Slate 208-209) Lime		3	Lime	616
3		211	1	Shale	619
7	Shale O	214		Lime	620
103	Lime "HERTHA"	221	10	Shale	630 T.D.
103	Shale (Brk. 225-228) (Sdy. 364-380)	324			
5	Gray Sand	329			
29	SHale	358			
5	Gray Sand (Brk. w/Lime 358-3	363 (61)			

CONTRACTOR

HUGHES DRILLING COMPANY 122 NORTH MAIN WELLSVILLE, KANSAS 66092 ECEIVE OPERATOR

FEB 1 2001

LOG

MO Oil & Gas Counc

Belton Unit

Well #AD-14

API #

	cont.	
STRATA FORMATION T.I THICKNESS DRILLED	O. STRATA FORMATION THICKNESS DRILLED	T.D.
4/21/99-5/13/99		
Drilled 630' of hole $(6\frac{1}{4}")$.		
4/21/99	**	
Set 42.15' of 7" surface pipe. Cemented in with 10 sacks cement.		

5/11/99

Cored SQUIRREL Zone
4-cores

5/12/99

Cored Squirrel Zone 3-cores

5/13/99

Set 610.40' of 4½" pipe Used 3 centralizers. Float shoe on bottom. O

4/21/99-5/13/99

CONTRACTOR

HUGHES DRILLING COMPANY 122 NORTH MAIN WELLSVILLE, KANSAS 66092

LOG

Belton Unit Well #AD-14 Cass Co., Missouri

 $SE_{4}^{\frac{1}{2}}$ ec. 09, Twp. 46N RG.

D. E. Exploration, Inc 618 Main BO Box 128 Wellsville, KS 66092

OPERATOR

API #

1100' FSL of Section 660' FWL of Section

70001001			wp. 46N RG. 33	W 660' FWL of	Section
STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2	39	Shale	120
3	Clay	5		(Sdy. 384-389)	402
23	Lime (Bkn. 5-8)	28	5	Lime	407
25	Shale	53	4	Shale	411
11	Lime	64	2	Lime	413
7	Shale	71	11	Shale(Slate 4147	
8	Red Bed	79	9	Lime 415)	433
5	Shale	84	4	Shale	437
3	Lime	87	4	Brown Sand	441
13	SHale	100	14	Shale	455
1	Sdy. Lime	101	5	Lime	460
9	SHale	110	52	SHale	512
	(Sdy. 101-110)			(Slate 461-462) (Slate 463-464)	
9	Gray Sand	119	1		
7	Sdy. Lime	126	25	Sdy. Lime Shale	513
4	Gray Sand	130	1	-Sand	538
9	SHale	139	3		539
2	Lime	141	6 SQUIRREL	Sdy. Shale	542
8	Shale	149	1		548
29	Lime 30'	178	36.5	Shale Sand	549
6	Shale (Slate 178-179)	184	9.5	- Sand Shale	585.5 595
20	Lime 20'	204	20	Sdy. Shale	615
5	Shale	209		(Lamin. w/Gray Sa	and)
	(Slate 208-209)	203	1	Lime	616
2	Lime	211	3	Shale	619
3	Shale O	214	1	Lime	620
7	Lime "HERTHA"	221	10	Shale	630 T.D.
103	Shale (Brk. 225-228) (Sdy. 364-380)	324			
5	Gray Sand	329			
29	SHale	358			
5	Gray Sand	363			

(Brk. w/Lime 358-361)

OPERATOR

HUGHES DRILLING COMPANY 122 NORTH MAIN WELLSVILLE, KANSAS 66092

LOG

Belton Unit Well #AD-14

API #

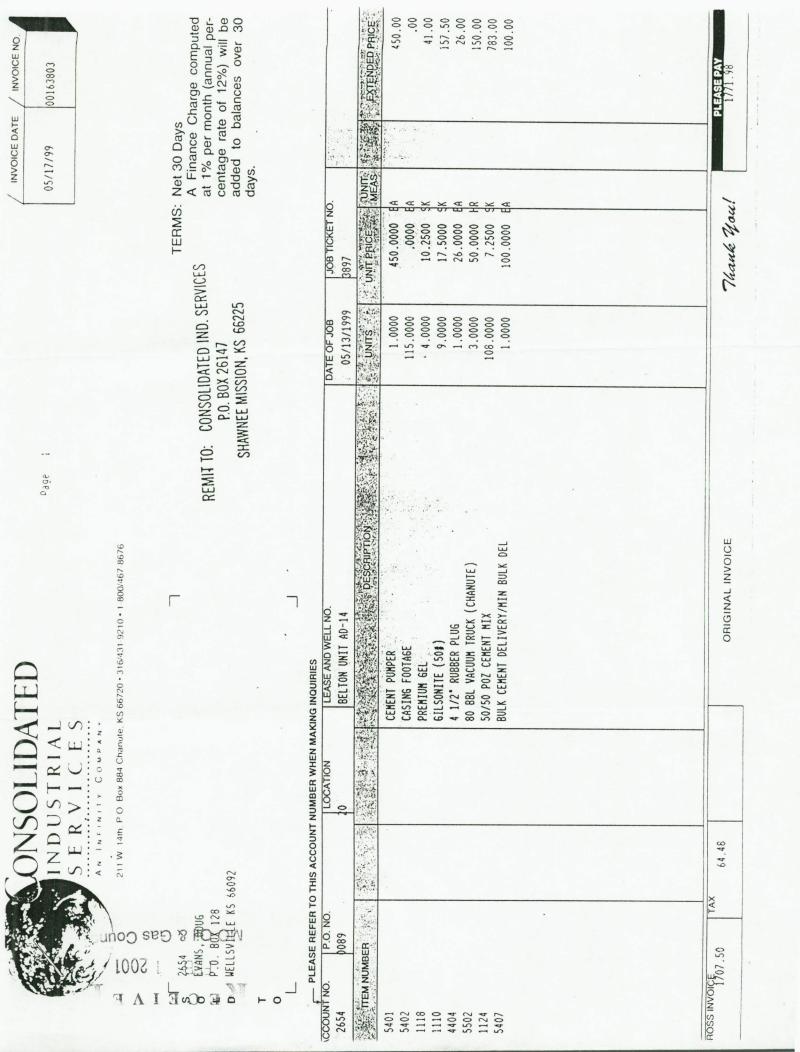
		Mell	HAD-14		
		co	nt.		
STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
4/21/99-5/1	3/99				
Drilled 630	of hole $(6\frac{1}{4}$ ").				
4/21/99					
	of 7" surface pip	;			
cemented in	with 10 sacks ce	ement.		1	
5/11/99		-			
Cored SQUIRR 4-cores	>				r 75
	*	. 1			

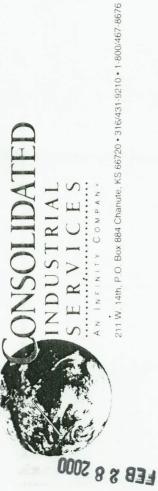
5/12/99

Cored Squirrel Zone 3-cores

5/13/99

Set 610.40' of $4\frac{1}{2}$ " pipe Used 3 centralizers. Float shoe on bottom. \bigcirc





INVOICE NO.

INVOICE DATE

00163803

05/17/99

Page

days. REMIT TO: CONSOLIDATED IND. SERVICES SHAWNEE MISSION, KS 66225 P.O. BOX 26147

WELLSVILLE KS 66092

P.O. BOX 128 EVANS, DOUG

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TERMS: Net 30 Days
A Finance Charge computed at 1% per month (annual percentage rate of 12%) will be added to balances over 30

ACCOUNT NO. P.O. 2654 0089	O. P.O. NO. LOCATION LEASE AN 1089 20 BELTON UP	TION LEASE AND WELL NO. BELTON UNIT AD-14		DATE OF JOB 05/13/1999	JOB TICKET NO. 3897			
ITEM NUMBER		DESC	DESCRIPTION	UNITS	UNIT PRICE	UNIT	Ш	EXTENDED PRICE
5401 5402 1118 1110 4404 5502 1124 5407		CEMENT PUMPER CASING FOOTAGE PREMIUM GEL GILSONITE (50#) 4 1/2" RUBBER PLUG 80 BBL VACUUM TRUCK (CHANUTE) 50/50 POZ CEMENT MIX BULK CEMENT DELIVERY/MIN BULK DEL) K DEL	1.0000 4.0000 4.0000 1.0000 1.0000 1.0000 1.0000	450.0000 B 10.2500 B 17.5000 B 50.0000 B 7.2500 B 100.0000 B 100.00000 B 100.0000 B 100.			450.00 41.00 157.50 26.00 150.00 160.00
GROSS INVOICE 1707.50	TAX 64.48	ORIGINAL INVOICE	VOICE		Though You		PLE	PLEASE PAY 1771.98